

Eaton 1452E-8503

Catalog Number: 1452E-8503

Eaton Enhanced 50 Series Photoelectric Sensor, Sensor distance: 45 In., Iso SS Relay, 300 mA at 240 Vac/Vdc, 4 Pin Mini Connector, 12–240 Vdc 24–240 Vac input, Reverse polarity, short circuit and overload, Yes, Clear Object Detector

General specifications



Product Name	Catalog Number
Eaton Enhanced 50 photoelectric sensor	1452E-8503
UPC	Product Length/Depth
782116112029	3.13 in
Product Height	Product Width
4.16 in	1.81 in
Product Weight	Warranty
0.3375 lb	3 year
Compliances	Certifications
Contact Manufacturer	CSA Certified

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Contact Rating

300 mA at 240 Vac/Vdc

Enclosure material

Fiberglass reinforced plastic

Operating mode

Clear object detector

Connection

4-pin mini connector

Contact configuration

Isolated solid state relay

Sensor type

Clear object detector

Switch type

Photoelectric

Input voltage

12-240 Vdc, 24-240 Vac

LED indicator

Power on: yellow

Output status: green

Marginal gain: red

Protection

Reverse polarity and short circuit protected

Time delay

Yes

Maximum AC current

300 mA

Maximum DC current

300 mA

Operating temperature - max

131 °F

Operating temperature - min

-13 °F

Environmental rating

IP67, IP69K

Resources

Catalogs

[Eaton's Volume 8—Sensing Solutions](#)

Specifications and datasheets

[Eaton Specification Sheet - 1452E-8503](#)



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30 Pembroke Road
Dublin 4, Ireland
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